

# SCENARIO BASED SQL QUESTIONS

- Give list of products from electronics or mobile category earning revenue in the range of 200000 to 500000?

CREATE TABLE PRODUCTS



```
(  
PRODUCT_ID INT,  
PRODUCT_CATEGORY VARCHAR (40),  
PRODUCT_NAME VARCHAR (40),  
Revenue INT  
);  
INSERT INTO PRODUCTS VALUES (1, 'FURNITURE','CHAIR', 6000),  
(2,'ELECTRONICS','FAN',80000),  
(3,'BEAUTY','SHAMPOO', 20000),  
(4,'FASHION','T-SHIRT',30000),  
(5,'GROCERIES','FRUITS',40000),  
(6,'MOBILE','SAMSUNG',300000),  
(7,'BEAUTY','SOAP', 50000),  
(8,'FASHION','JEANS',250000),  
(9,'GROCERIES','DAIRY',40000),  
(10,'MOBILE','APPLE',500000),  
(11,'GROCERIES','SNACKS',7500),  
(12,'ELECTRONICS','LIGHTS',100000),  
(13, 'FURNITURE','TABLE', 45000),  
  
(14,'MOBILE','MOTOROLA',200000),  
(15,'GROCERIES','BREAD',40000),  
(16,'ELECTRONICS','MIXER',150000),  
(17,'MOBILE','LENOVO',200000),  
(18, 'FURNITURE','SOFA', 40000),
```

```
(19,'FASHION','BAG',25000),  
(20,'ELECTRONICS','TV',200000);
```

```
SELECT * FROM PRODUCTS;
```

```
/*-----FIND PRODUCT_CATEGORY EITHER ELECTRONICS OR MOBILE-----*/
```

```
SELECT PRODUCT_CATEGORY, PRODUCT_NAME, REVENUE FROM PRODUCTS  
WHERE PRODUCT_CATEGORY IN ('ELECTRONICS','MOBILE');
```

```
/*-----REVENUE RANGE 200000 TO 500000-----*/
```

```
SELECT PRODUCT_CATEGORY, PRODUCT_NAME, REVENUE FROM PRODUCTS  
WHERE REVENUE BETWEEN 200000 AND 500000;
```

```
SELECT PRODUCT_CATEGORY, PRODUCT_NAME, REVENUE FROM PRODUCTS  
WHERE PRODUCT_CATEGORY IN ('ELECTRONICS','MOBILE')  
AND  
REVENUE BETWEEN 200000 AND 500000;
```